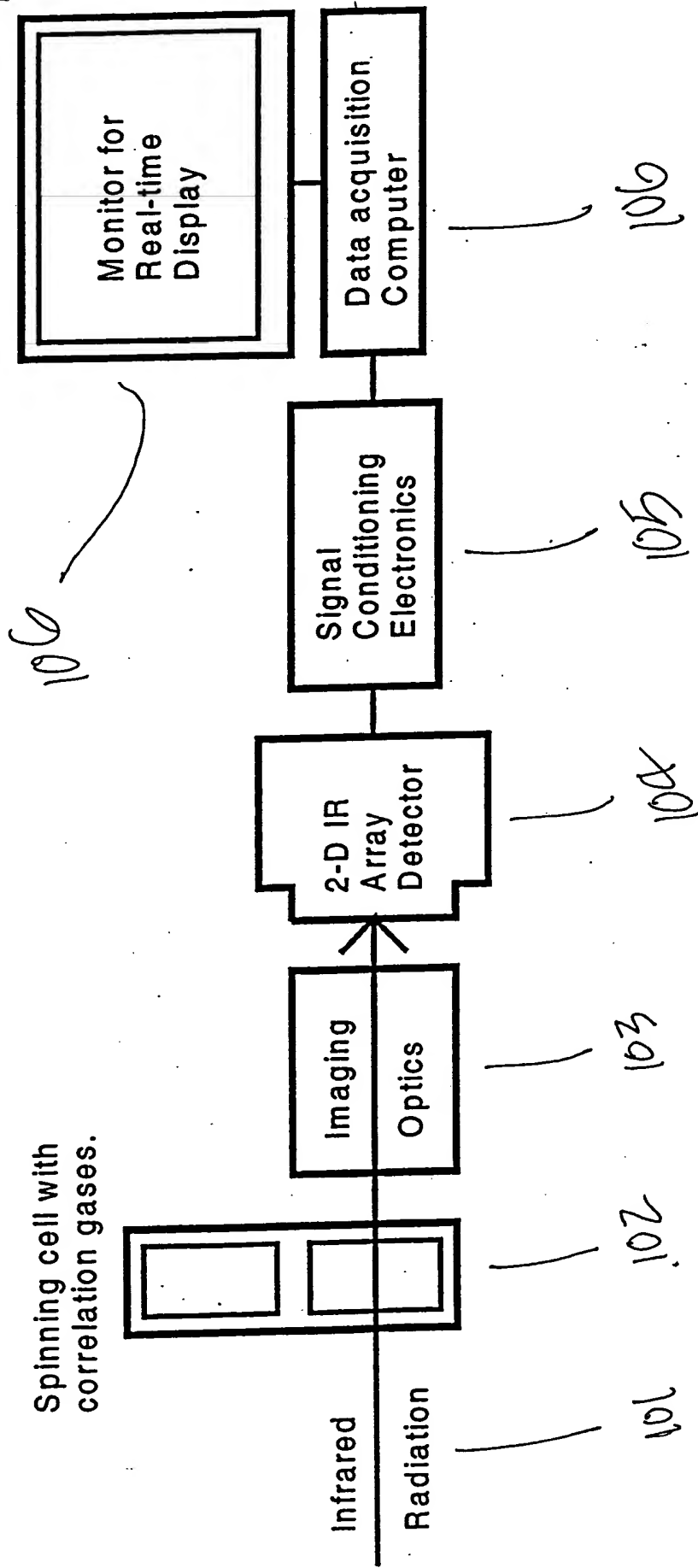


**Figure 1:**  
**Schematic diagram of gas correlation camera (CORCAM) system.**



**Figure 2:**  
**Schematic diagram of gas correlation camera (CORCAM) system.**

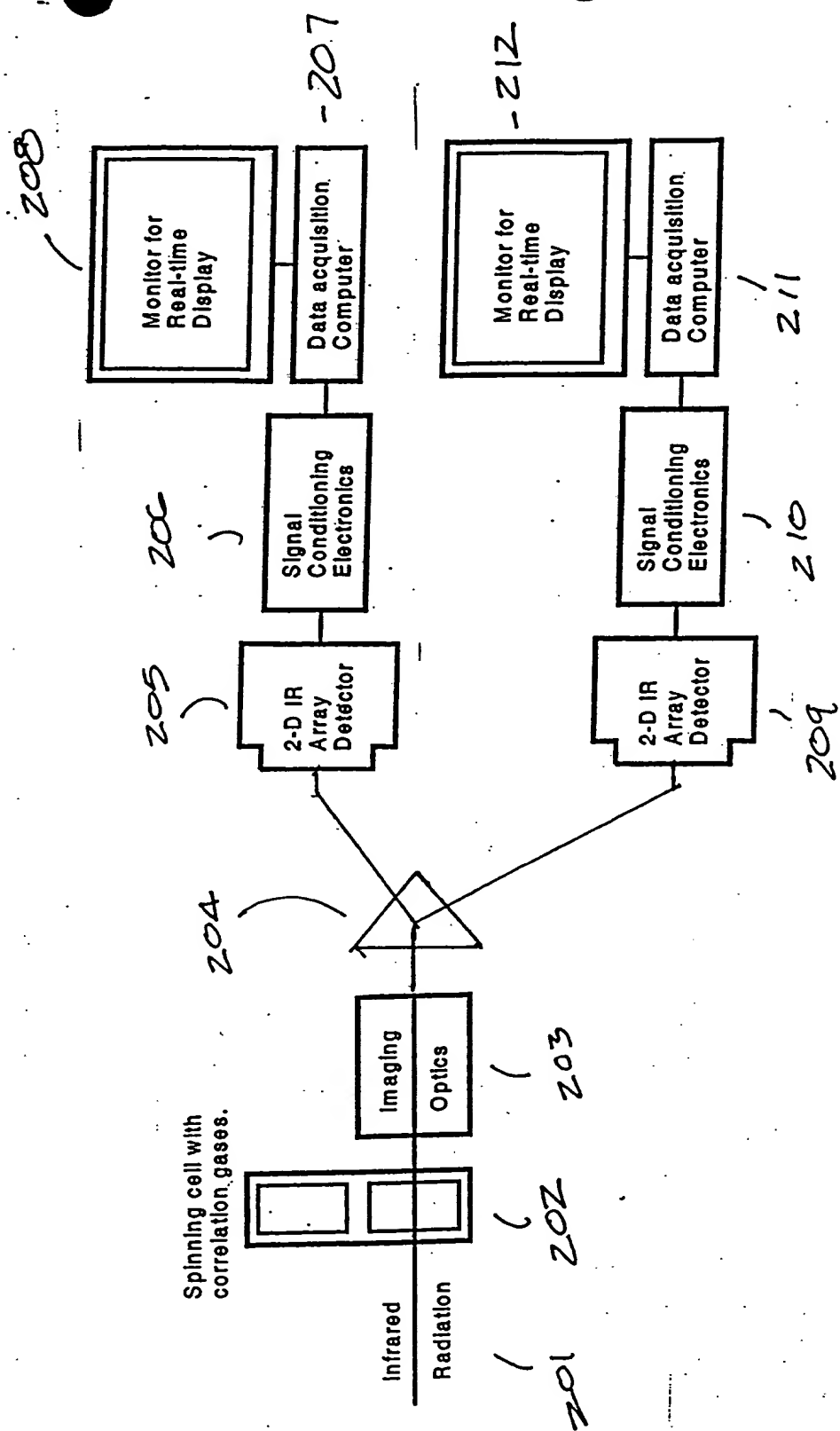
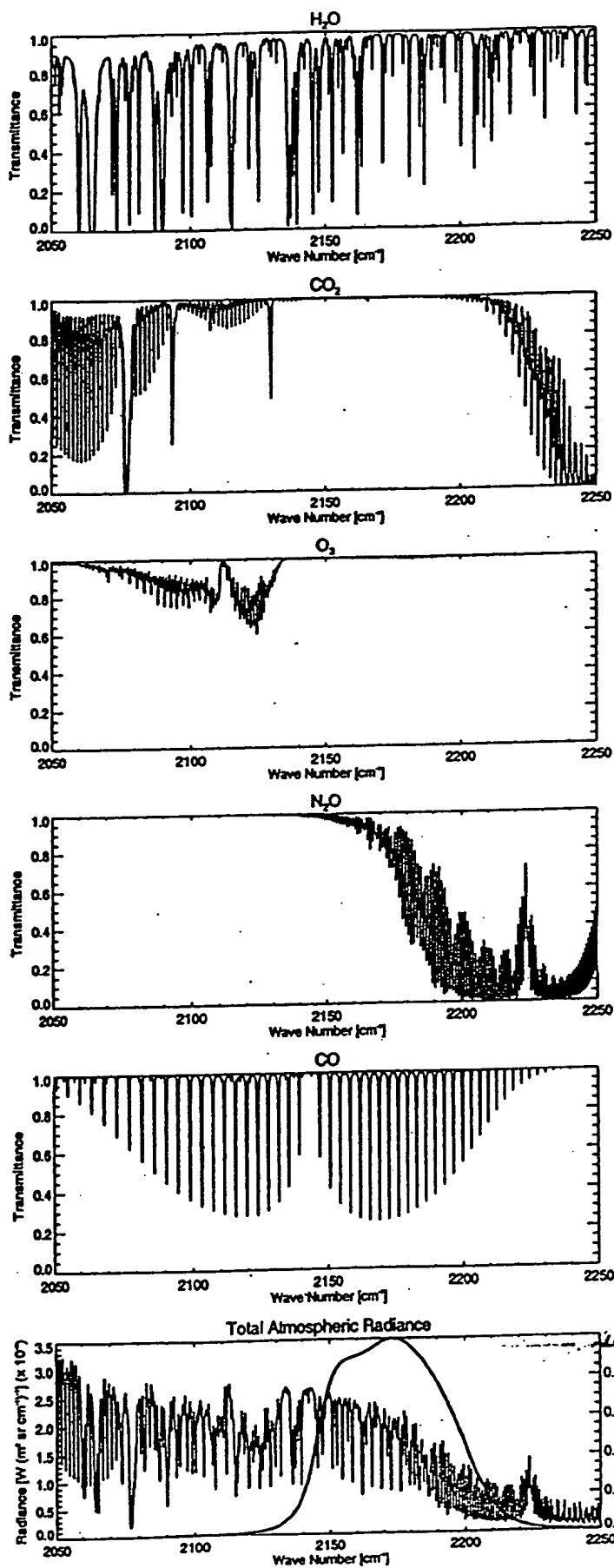
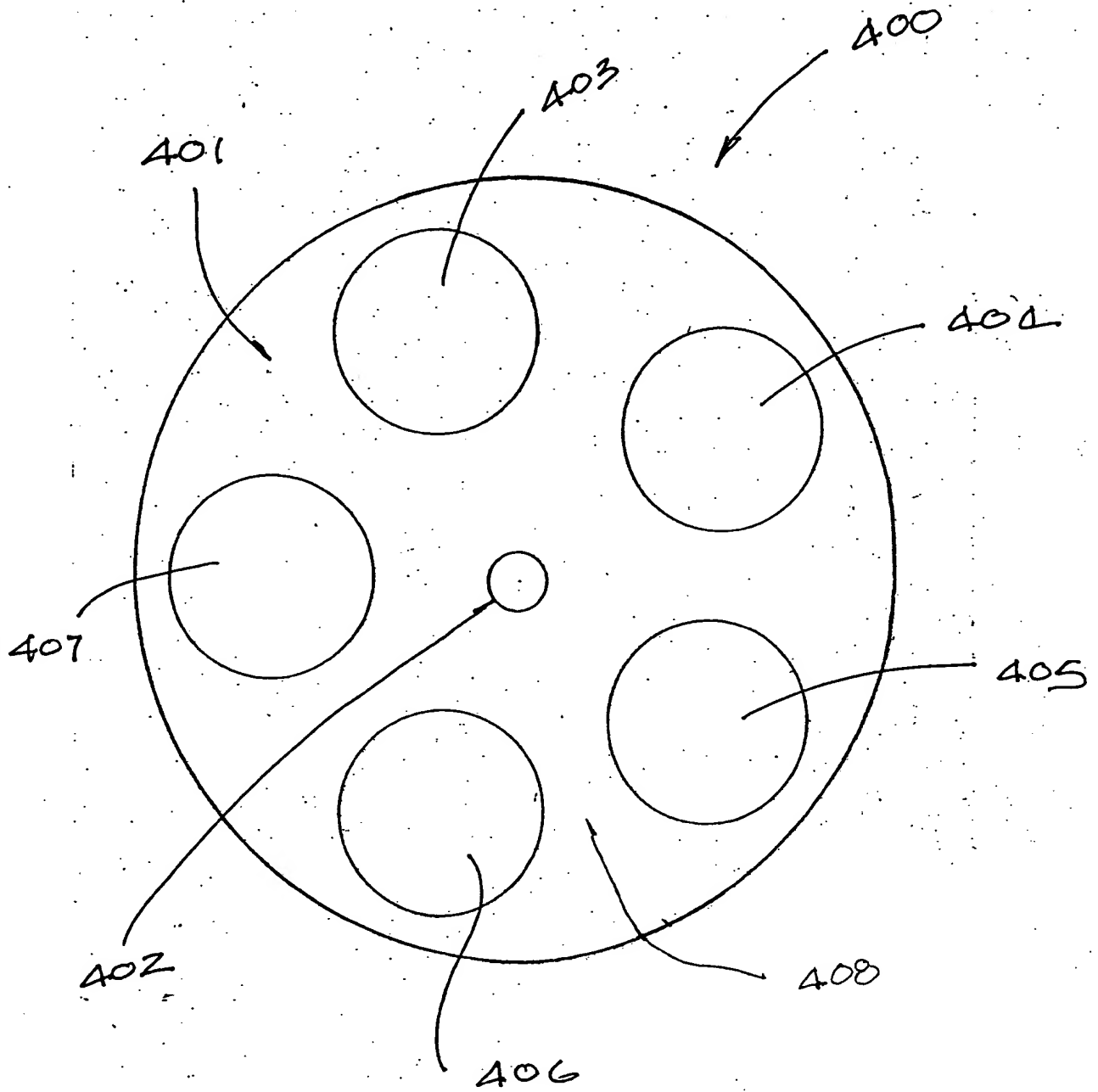


Figure 3: Atmospheric transmittance and radiance near 4.6  $\mu\text{m}$



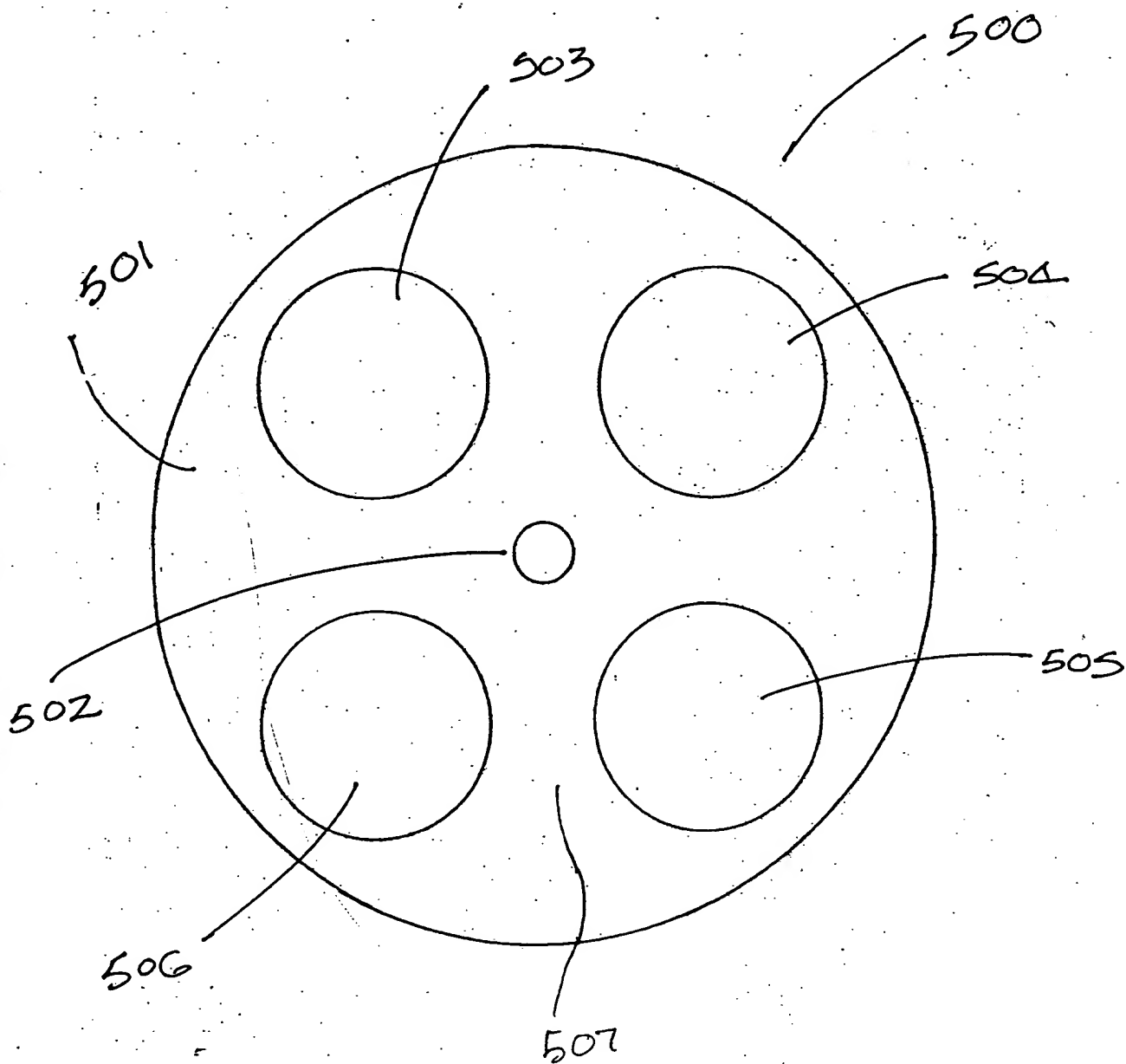
101080-52202660

FIGURE 4



101080 SE202660

FIGURE 5



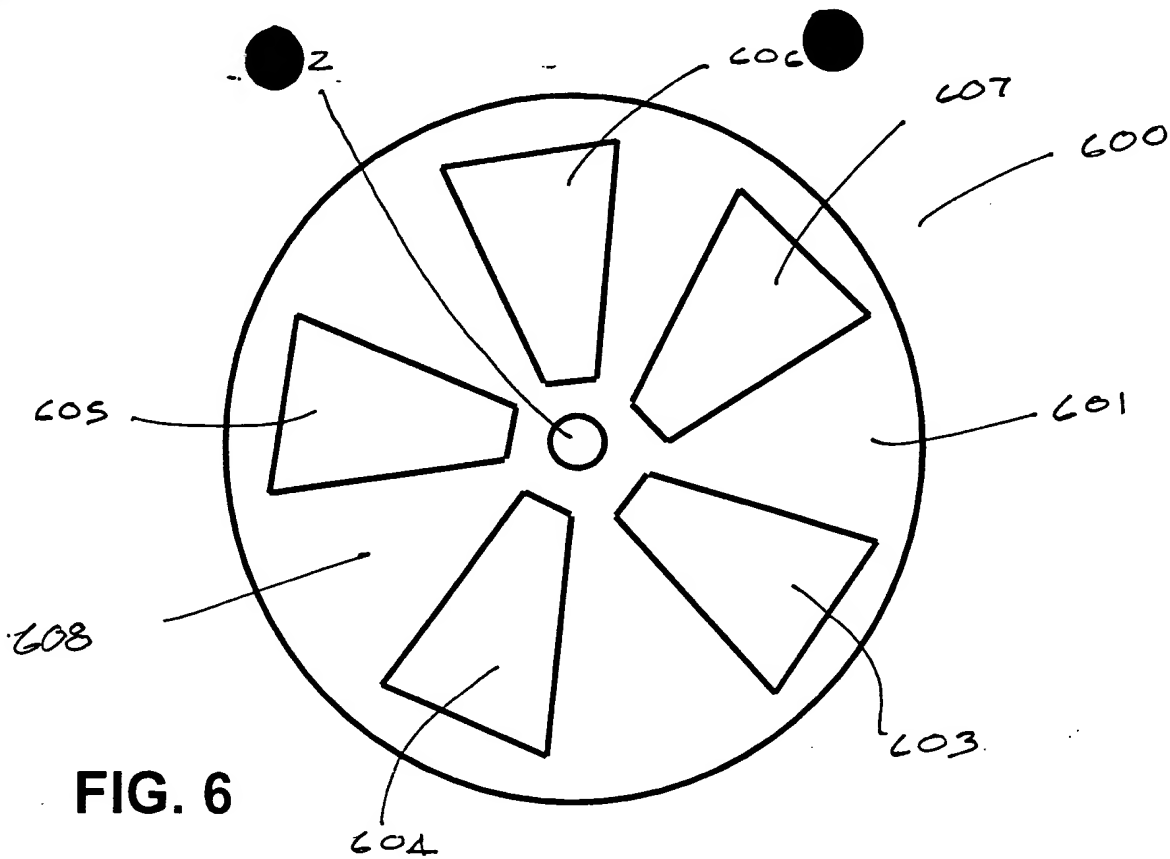


FIG. 6

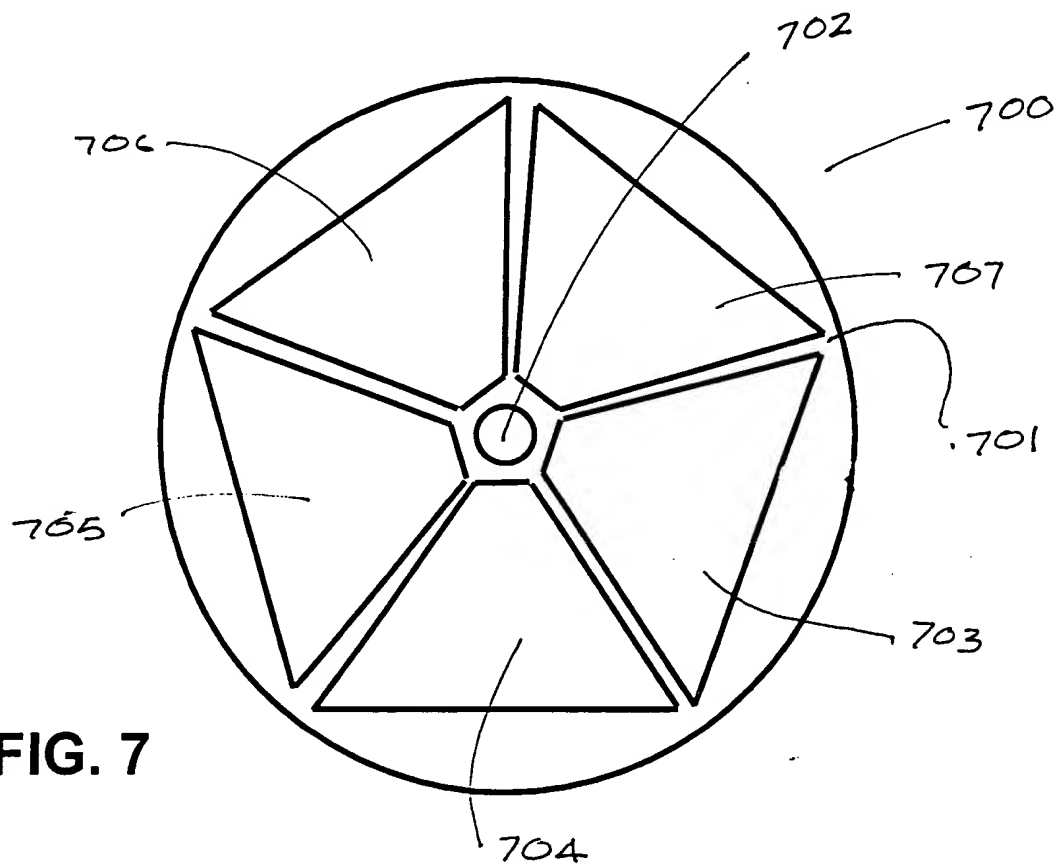


FIG. 7

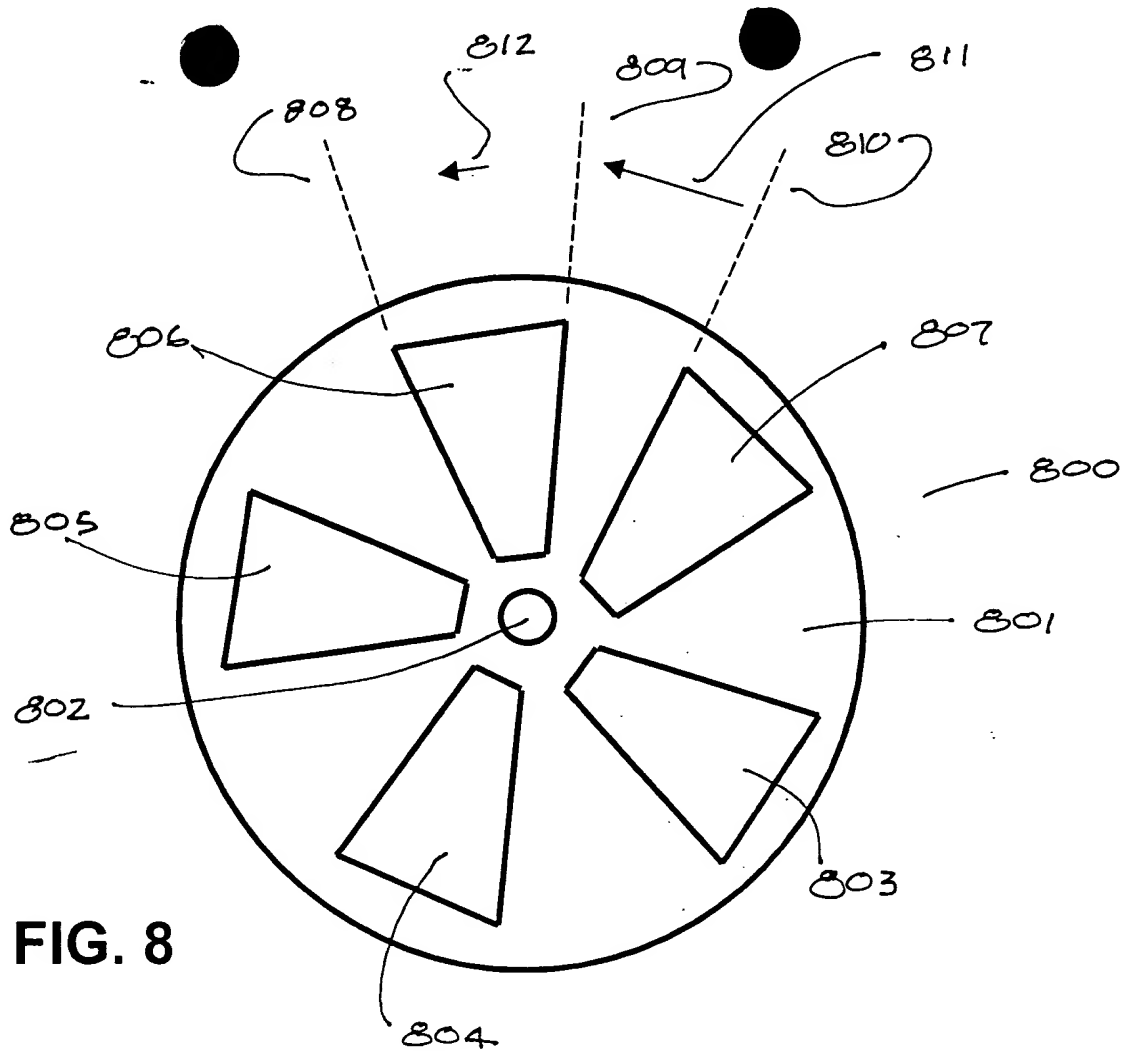


FIG. 8

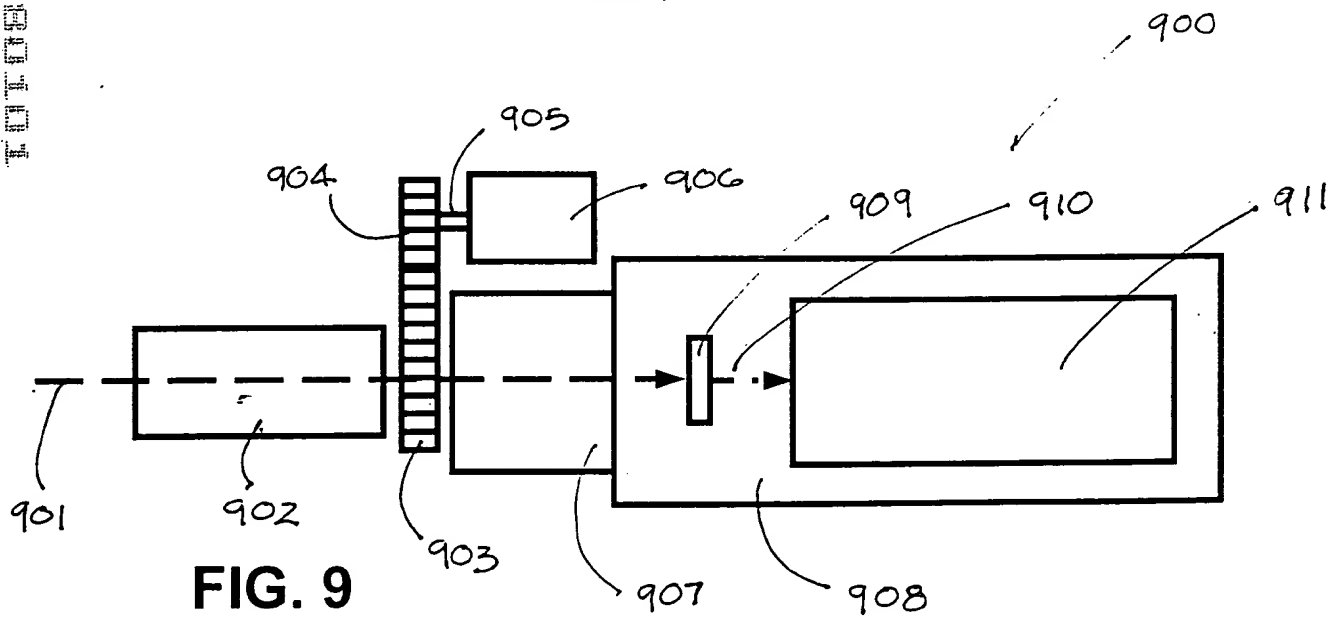


FIG. 9

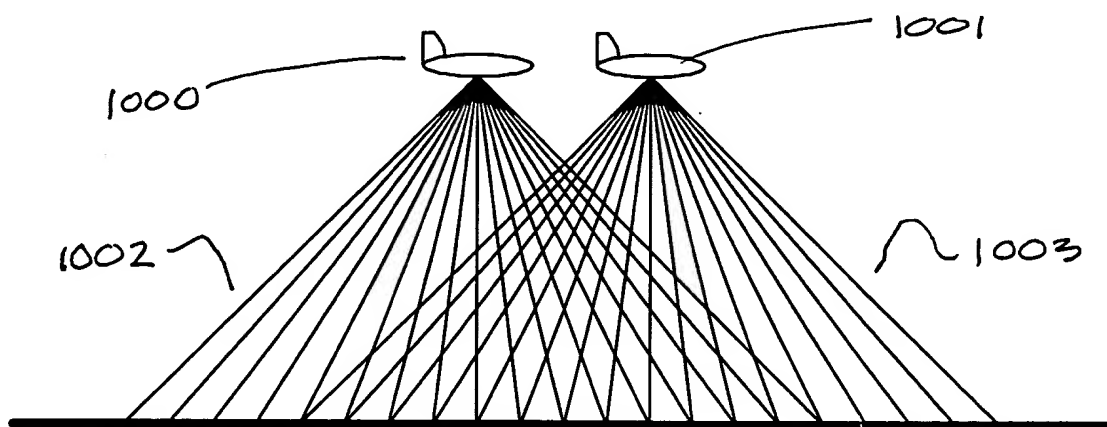


FIG. 10

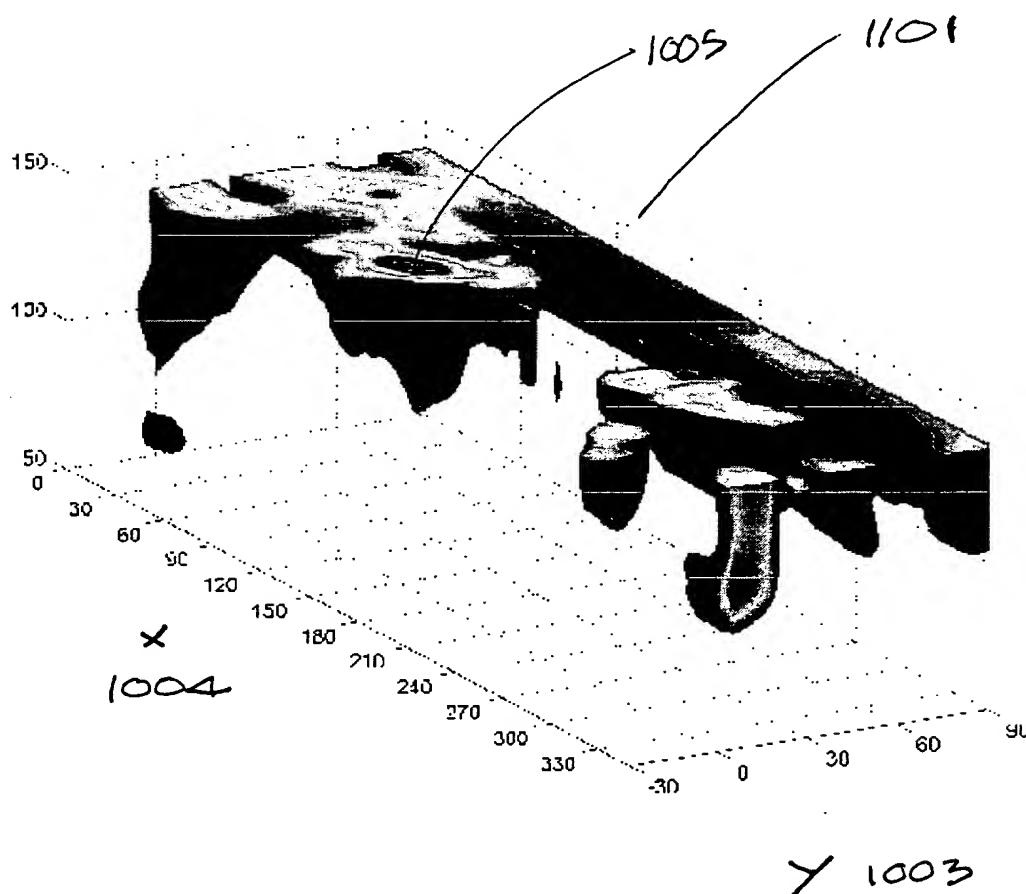


FIG. 11